

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080724AL\
 Data File : FE049497.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2024 17:54
 Operator : YP\AJ
 Sample : P3485-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

CMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :Ankita Jodhani 08/08/2024

Integration File: autoint1.e

Quant Time: Aug 08 01:10:39 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M

Quant Title : GC Extractables

QLast Update : Wed Jul 17 14:26:40 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.892	4641285	29.924 ug/ml
Spiked Amount 50.000		Recovery =	59.85%
12) S 1-chlorooctadecane (S...	13.327	3784706	32.393 ug/ml
Spiked Amount 50.000		Recovery =	64.79%
Target Compounds			
1) T n-Nonane (C9)	3.284	5121529	34.055 ug/ml
2) T n-Decane (C10)	4.534	5744123	37.190 ug/ml
3) T A~Naphthalene (C11.7)	6.237	6608877	42.418 ug/ml
4) T n-Dodecane (C12)	6.699	5958085	38.694 ug/ml
5) T A~2-methylnaphthalene...	7.334	6677933	45.887 ug/mlm
6) T n-Tetradecane (C14)	8.528	6542762	43.108 ug/ml
7) T n-Hexadecane (C16)	10.133	7068534	46.609 ug/ml
8) T n-Octadecane (C18)	11.575	7322888	48.230 ug/ml
10) T n-Eicosane (C20)	12.884	7331560	50.700 ug/ml
11) T n-Heneicosane (C21)	13.495	7157058	50.470 ug/ml
13) T n-Docosane (C22)	14.080	7044767	50.143 ug/ml
14) T n-Tetracosane (C24)	15.175	13706946	97.801 ug/ml
15) T n-Hexacosane (C26)	16.202	6959395	49.631 ug/ml
16) T n-Octacosane (C28)	17.150	7183794	51.325 ug/ml
17) T n-Tricontane (C30)	18.038	7136412	48.922 ug/ml
18) T n-Dotriacontane (C32)	18.868	7124999	48.457 ug/ml
19) T n-Tetratriacontane (C34)	19.651	7335732	50.221 ug/ml
20) T n-Hexatriacontane (C36)	20.391	7416831	51.449 ug/ml
21) T n-Octatriacontane (C38)	21.120	7815337	52.210 ug/ml
22) T n-Tetracontane (C40)	22.016	7598581	50.353 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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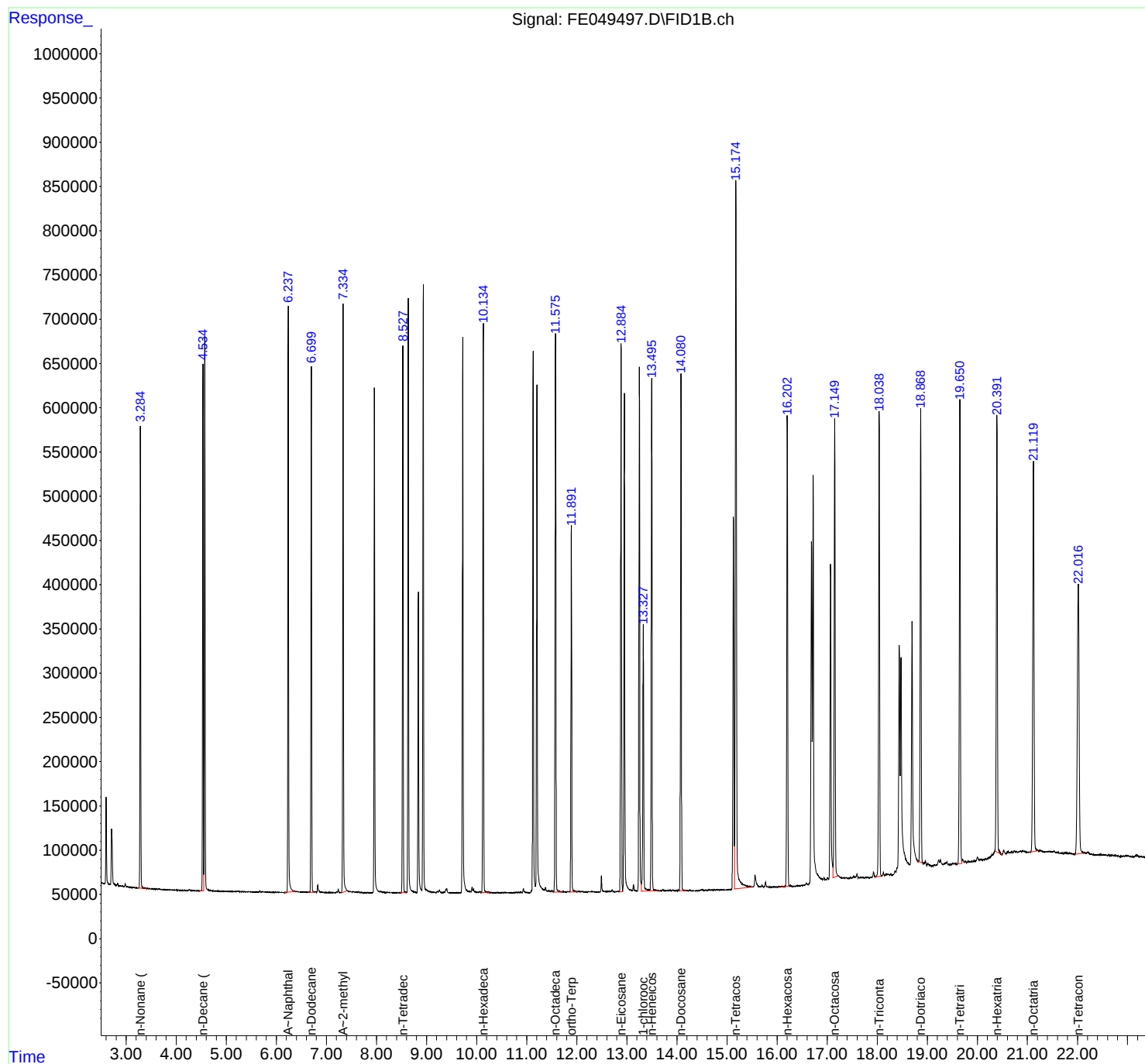
Response via : Initial Calibration

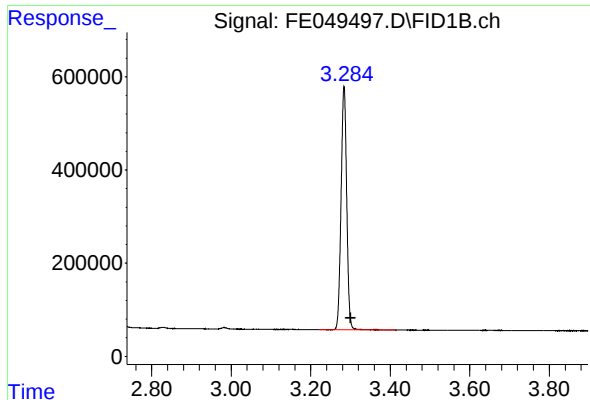
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





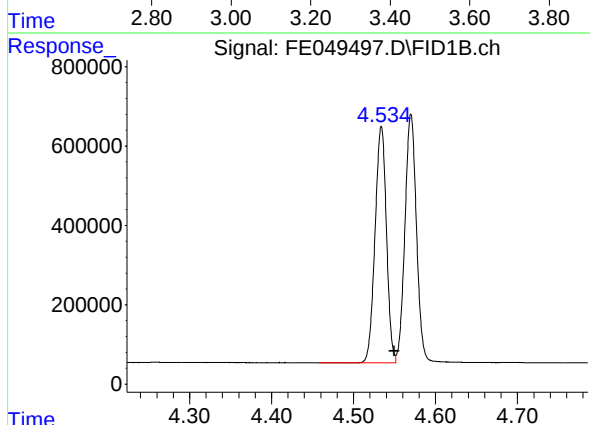
#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: -0.017 min
Response: 5121529
Conc: 34.06 ug/ml

Instrument :
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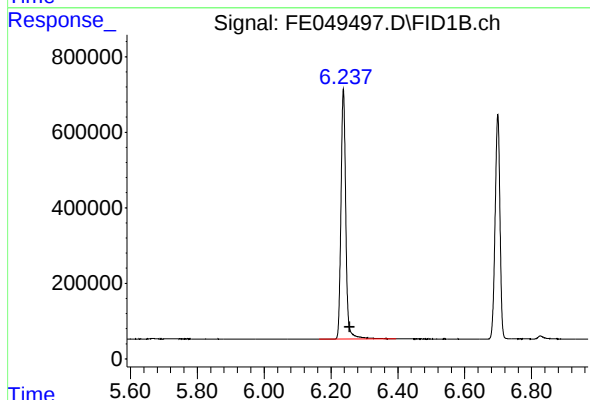
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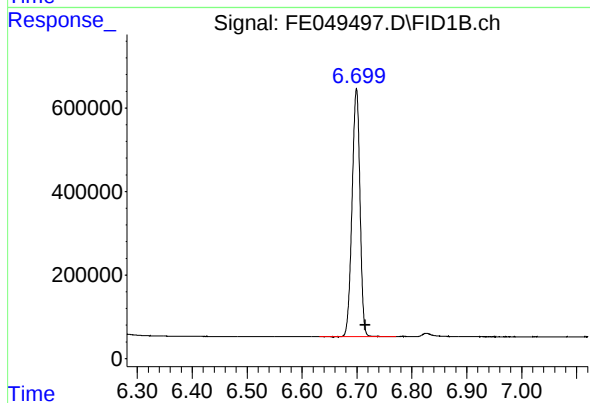
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: -0.016 min
Response: 5744123
Conc: 37.19 ug/ml



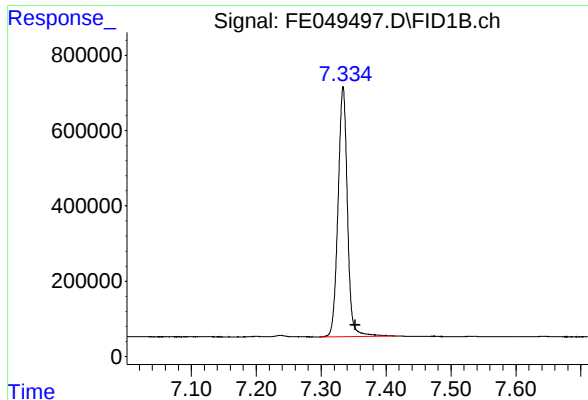
#3 A~Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: -0.020 min
Response: 6608877
Conc: 42.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.699 min
Delta R.T.: -0.016 min
Response: 5958085
Conc: 38.69 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.334 min
Delta R.T.: -0.019 min
Response: 6677933
Conc: 45.89 ug/ml

Instrument :

FID_E

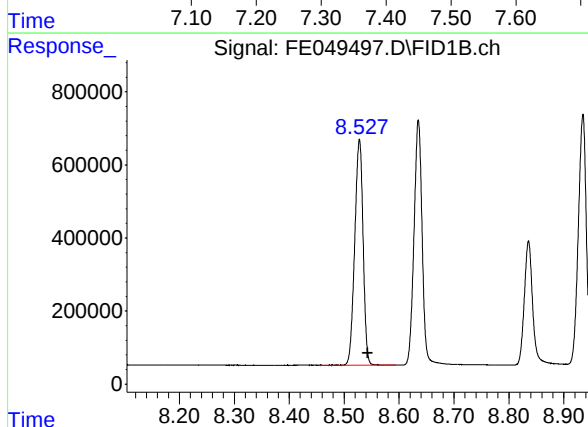
ClientSampleId :

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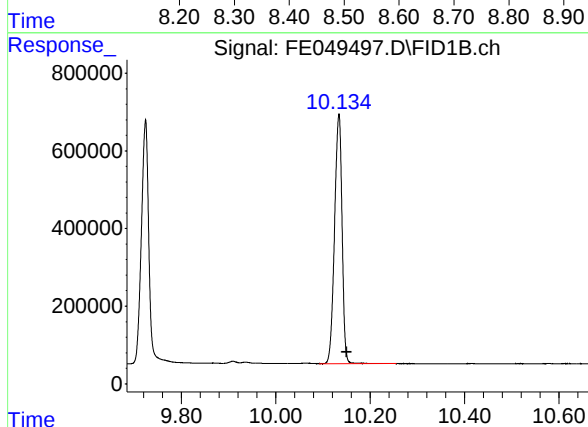
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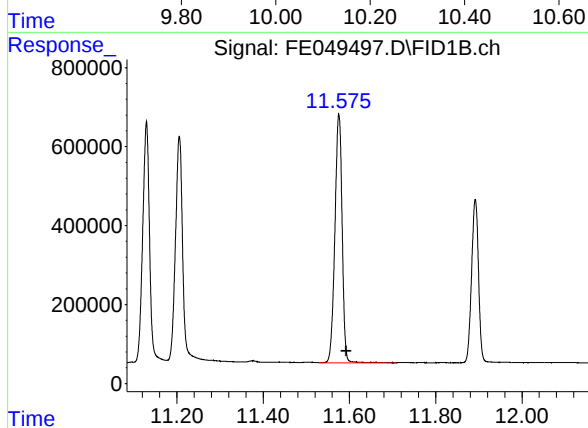
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.015 min
Response: 6542762
Conc: 43.11 ug/ml



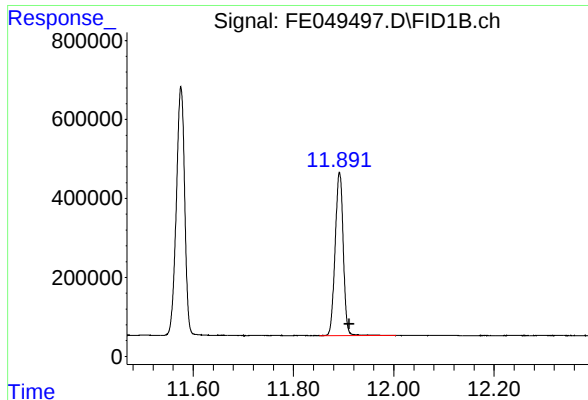
#7 n-Hexadecane (C16)

R.T.: 10.133 min
Delta R.T.: -0.016 min
Response: 7068534
Conc: 46.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.575 min
Delta R.T.: -0.017 min
Response: 7322888
Conc: 48.23 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.892 min
Delta R.T.: -0.019 min
Response: 4641285
Conc: 29.92 ug/ml

Instrument :

FID_E

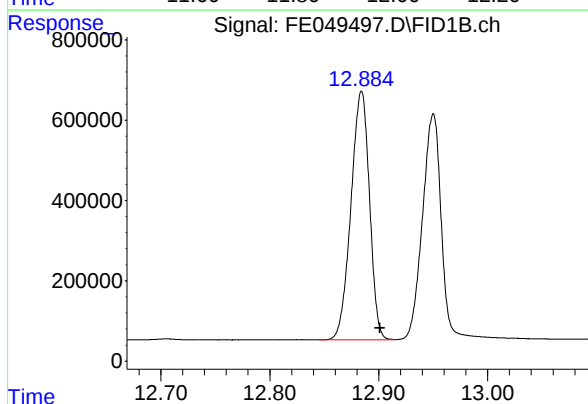
ClientSampleId :

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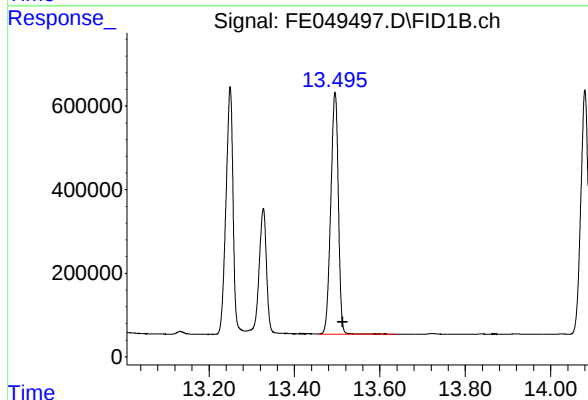
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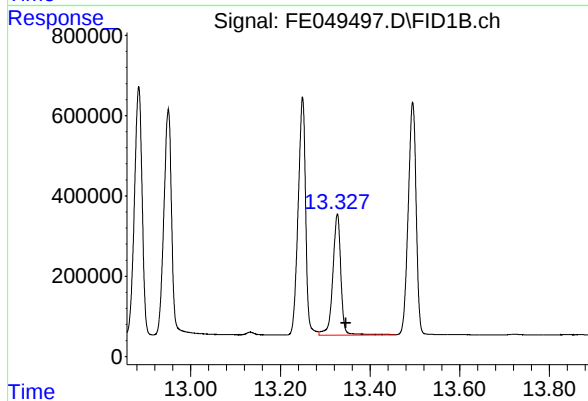
#10 n-Eicosane (C20)

R.T.: 12.884 min
Delta R.T.: -0.017 min
Response: 7331560
Conc: 50.70 ug/ml



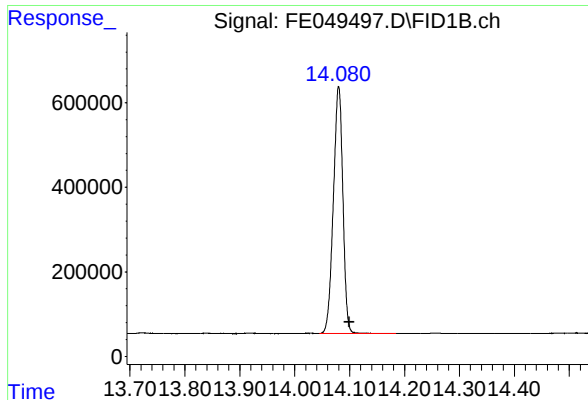
#11 n-Heneicosane (C21)

R.T.: 13.495 min
Delta R.T.: -0.018 min
Response: 7157058
Conc: 50.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.327 min
Delta R.T.: -0.019 min
Response: 3784706
Conc: 32.39 ug/ml



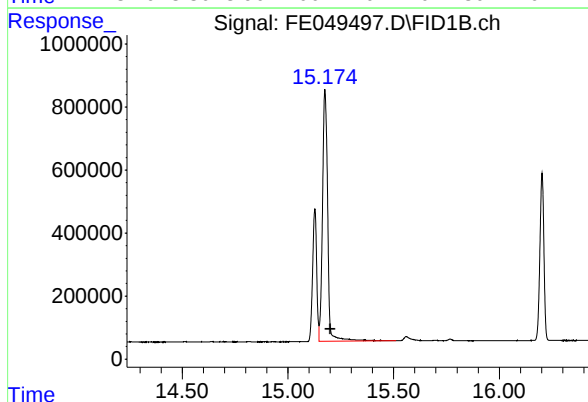
#13 n-Docosane (C22)

R.T.: 14.080 min
Delta R.T.: -0.019 min
Response: 7044767
Conc: 50.14 ug/ml

Instrument :
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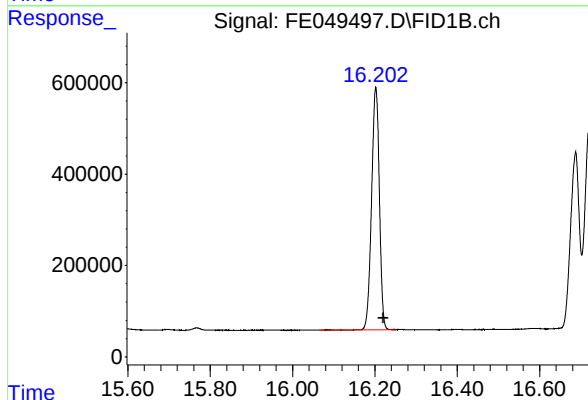
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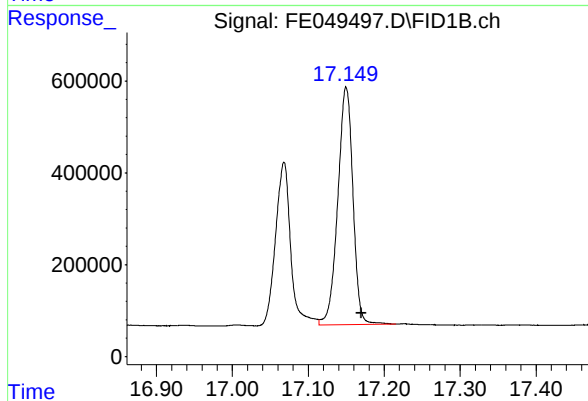
#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: -0.025 min
Response: 13706946
Conc: 97.80 ug/ml



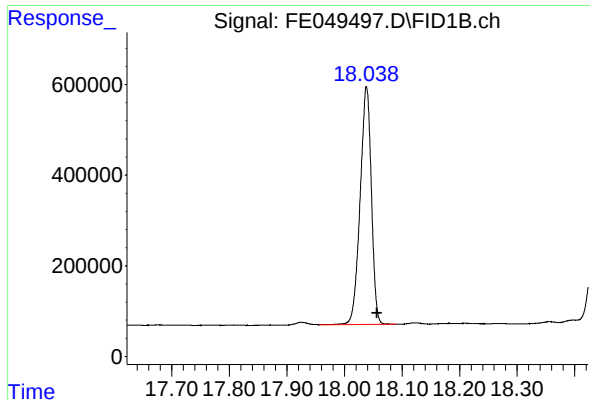
#15 n-Hexacosane (C26)

R.T.: 16.202 min
Delta R.T.: -0.019 min
Response: 6959395
Conc: 49.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.150 min
Delta R.T.: -0.020 min
Response: 7183794
Conc: 51.32 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.038 min
Delta R.T.: -0.018 min
Response: 7136412
Conc: 48.92 ug/ml

Instrument :

FID_E

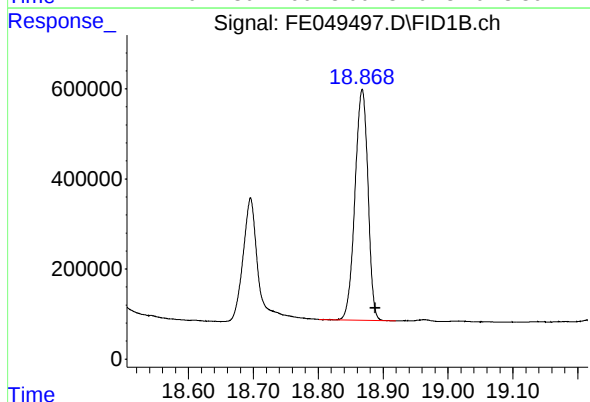
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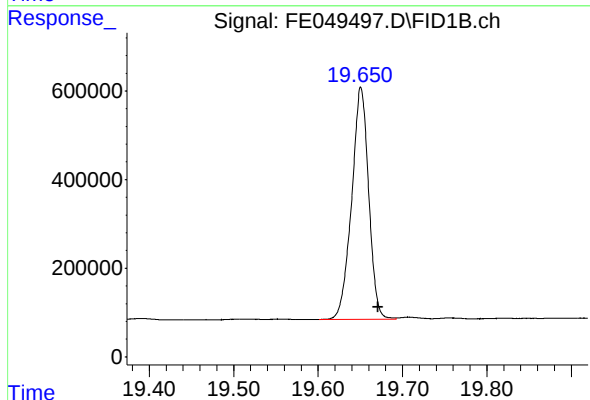
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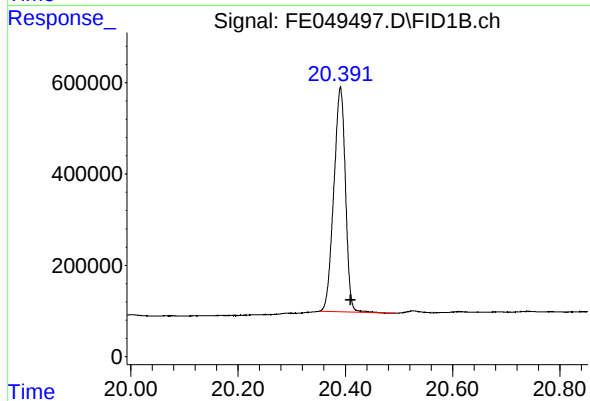
#18 n-Dotriacontane (C32)

R.T.: 18.868 min
Delta R.T.: -0.020 min
Response: 7124999
Conc: 48.46 ug/ml



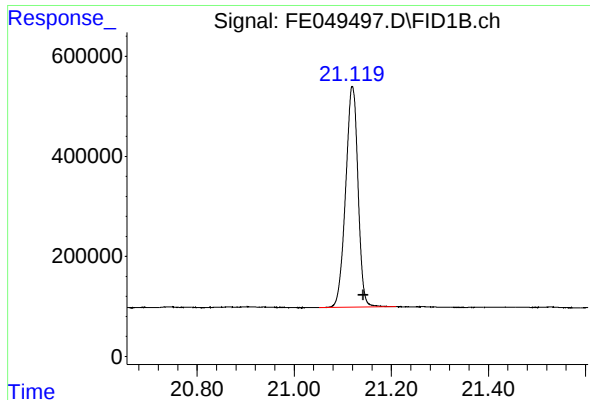
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: -0.020 min
Response: 7335732
Conc: 50.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.391 min
Delta R.T.: -0.020 min
Response: 7416831
Conc: 51.45 ug/ml



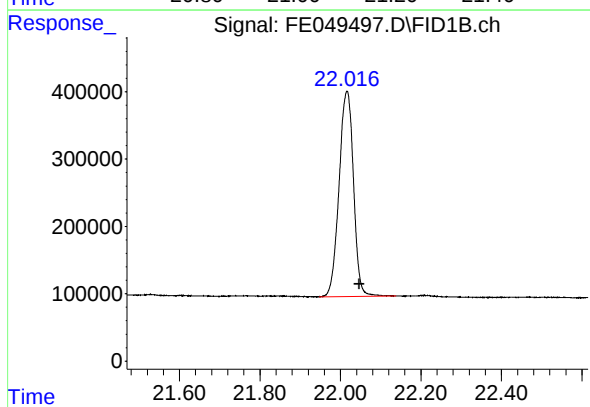
#21 n-Octatriacontane (C38)

R.T.: 21.120 min
Delta R.T.: -0.022 min
Response: 7815337
Conc: 52.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.016 min
Delta R.T.: -0.031 min
Response: 7598581
Conc: 50.35 ug/ml m